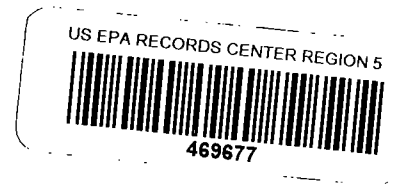


Mallard Lake Landfill
Meeting Agenda
February 4, 2010



1) ?FLARE DEMONSTRATION

↳ In-Site Demo

2) STATUS OF CORRECTIVE ACTIONS

A) V-01 CONNECTION; EXTRACTION PLOTS

B) VACUUM CURTAIN

- 1) Done with installation, ROI Testing Preliminary results
2) VC-03, VC-07, VC-12, VC-13, VC-17, VC-18, VC-23, VC-24, GVM-10b running full time.

C) BLOWER/FLARE

- 1) Air permit submitted
2) Final construction drawings are in review and should be issued next month.

3) STATUS OF REMEDIATION

- a) West side map- Bi-weekly and quarter results.
b) GP-H and VC-24 methane have gone to non-detect
c) GX-9 has VC-23 temporary piping in place. GX-9 has connected to VC-23. Pump is installed. See plots.
d) GVM area- 10a running, working on water level in 10a. See quarterly data.
e) TW-1 is non-detect, P-6b was less than 2.5%. Trying to verify that GVM is influencing this area or not. -- Still extracting.
• Mobile Unit up and running Extracting from LDE-12, W-16, & LDE-9

4) SCHOOL AREA

- a) LDE-13 has been connected to the engine. Methane in the 70's. ML-10i has been below 1% for a couple of weeks. ML-23 has 5-8% methane. ML-14 has been non-detect,
b) Quarterly map shows the current conditions.
c) Will look at potential one-way valve locations to improve flow or help mix in air.

5) BIOFILTERS AND OTHER OPTIONS

- a) Short summary of options,

6) OTHER CONCERNS? NEXT REGULAR STATUS MEETING MARCH 18, 2010

Call Hanover Park, IL.

Website for Posting Probe

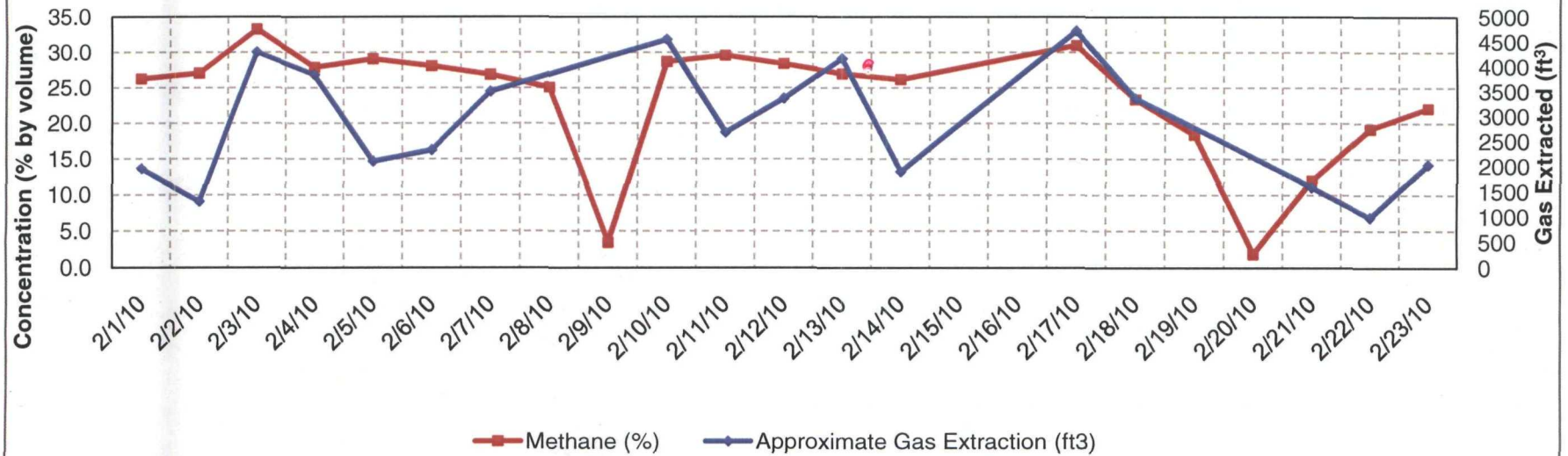
7) List of Probes to Abandon
(Coming next week)

8) March 25 Next Meeting

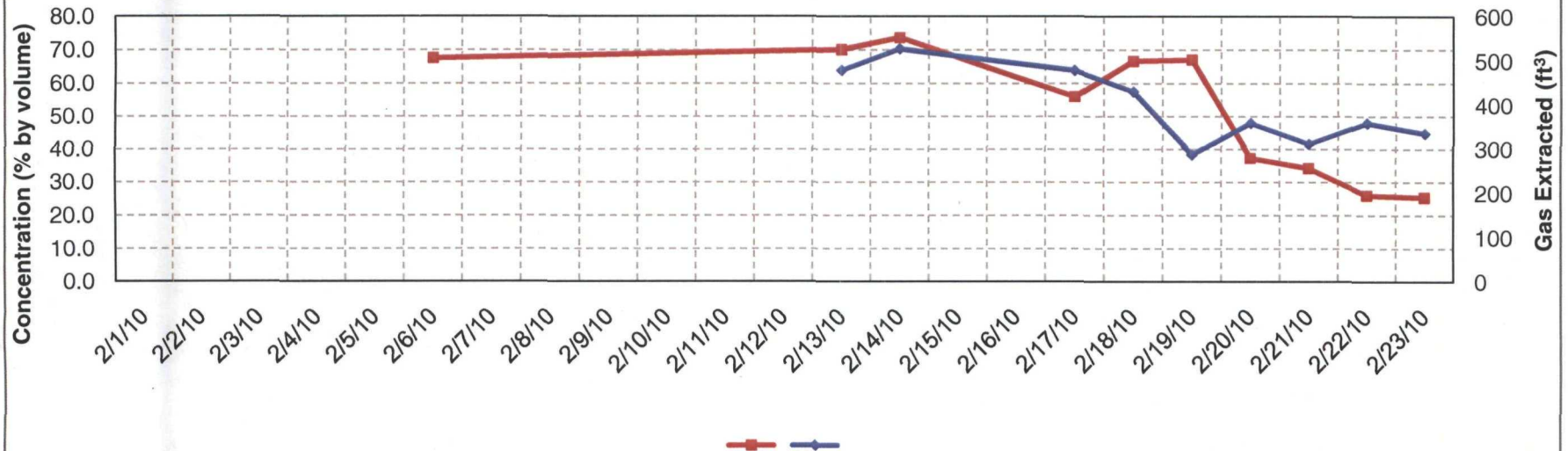
Monthly Data
Permitted printer Monitoring
Probes
Weekly monitoring
To send 2-3k of monthly

Mallard Lake Landfill
Project # 60139758
Vapor Curtain Well Plots

V-01

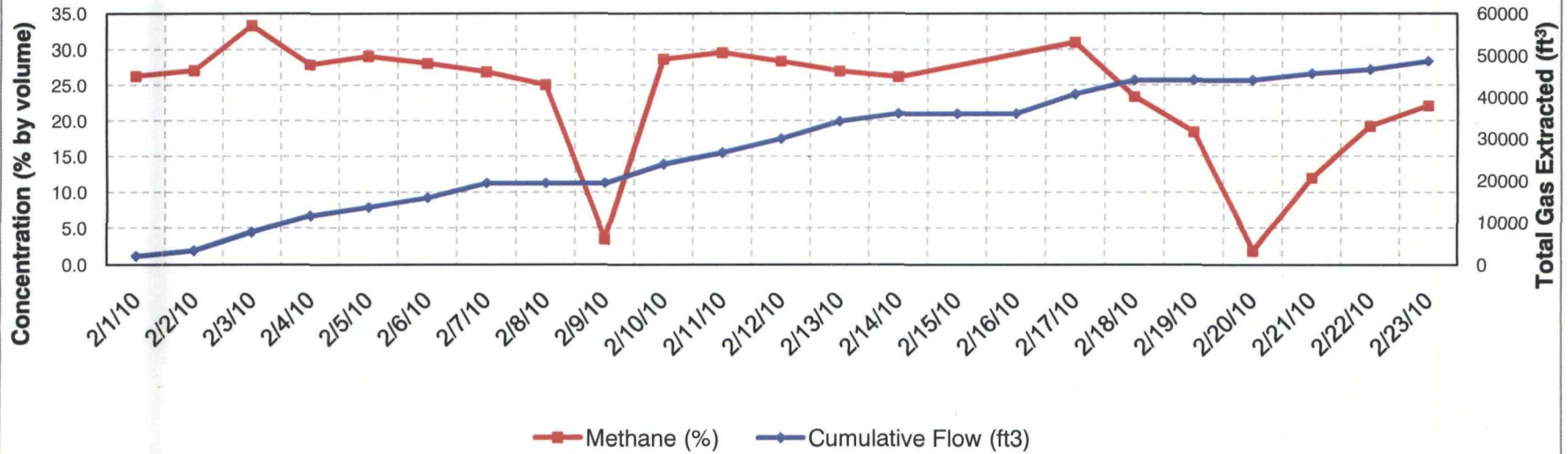


VC-03



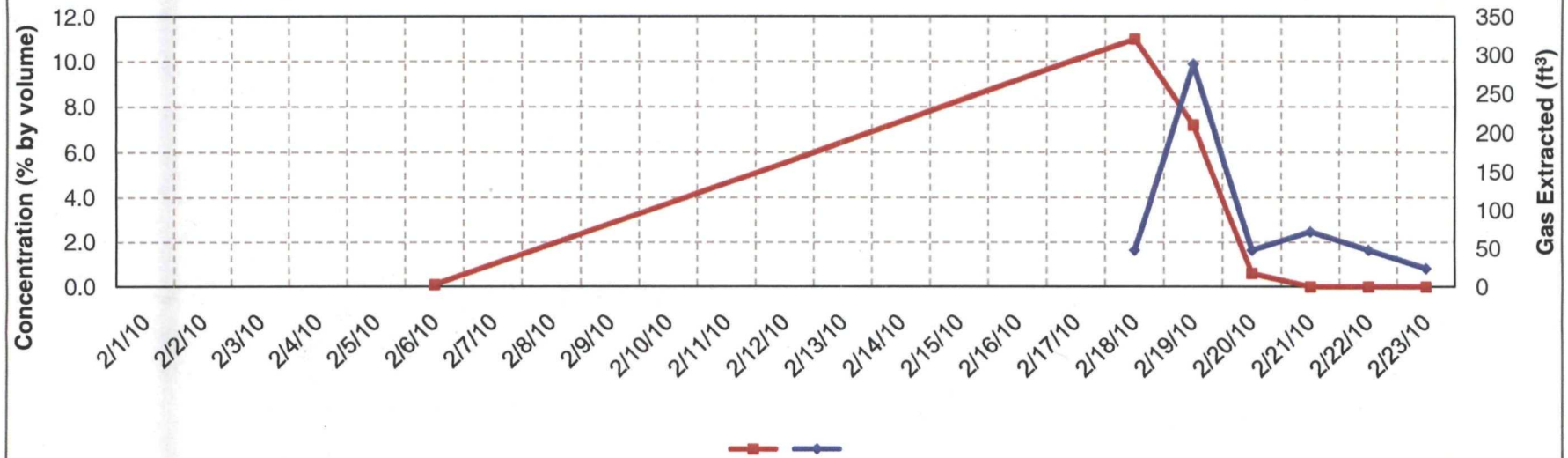
V-01

*West Side Connected
to trench*
*20 cu ft
up
to 30 cu ft
minute*

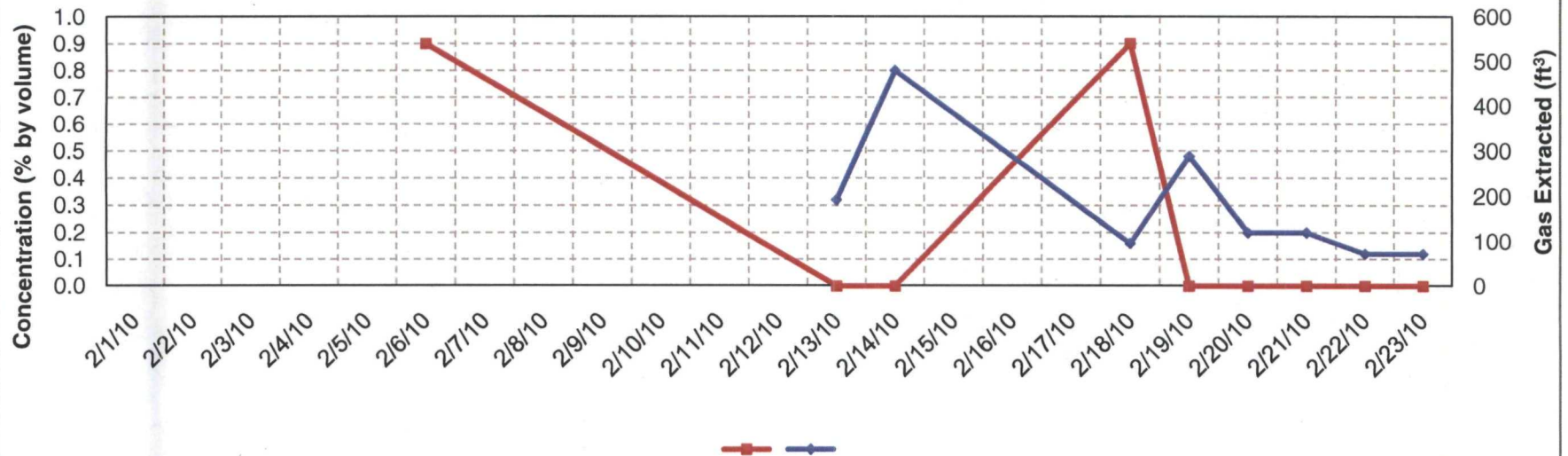


Mallard Lake Landfill
Project # 60139758
Vapor Curtain Well Plots

VC-07



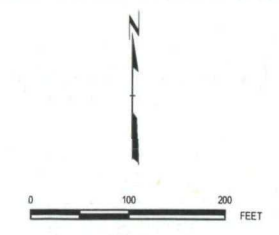
VC-12





- LEGEND**
- APPROXIMATE LANDFILL LIMITS
 - REPORTED LEACHATE COLLECTION TRENCH (APPROXIMATE LOCATION)
 - APPROXIMATE LOW AREA
 - FEMA 100-YR FLOOD PLAIN
 - APPROXIMATE RIVER & STREAM CENTERLINES
 - 780 TOPOGRAPHIC CONTOUR (CONTOUR INTERVAL IS ONE FOOT)
 - EXISTING 16" FORCE MAIN
 - FORCE MAIN VENT
 - GAS PROBE LOCATION (RMT 2009)
 - % METHANE > 50%
 - % METHANE BETWEEN 2.5 AND 50%
 - % METHANE < 2.5%
 - DRIPLEG
 - BLOWER/FLARE STATION
 - COMPRESSED AIR LINE
 - LEACHATE COLLECTION LINE
 - LFG EXTRACTION WELL (MONITORING LOCATION)
 - LEACHATE EXTRACTION WELL (MONITORING LOCATION)
 - PREVIOUSLY EXISTING WELL, PIPE, OR PROBE
 - DUAL LEACHATE/GAS EXTRACTION WELL

- NOTES:**
1. BASE AERIAL IMAGE (SHOWN WEST OF 1037100' EASTING IN MAP COORDINATES) AND CONTOURS GENERATED BY THE BASE MAPPING CO. LTD. FOR FOREST PRESERVE DISTRICT OF DUPAGE COUNTY, APRIL 2009 (FLIGHT DATE 04/10/2009).
 2. BASE AERIAL IMAGE (SHOWN EAST OF 1037100' EASTING IN MAP COORDINATES) FROM USGS URBAN IMAGERY DATASET, CHICAGO, IL, MARCH 2005.
 3. ROADS DATA FROM ENVIRONMENTAL SYSTEMS RESEARCH INSTITUTE.
 4. FEMA FLOOD PLAIN INFORMATION PROVIDED BY THE DUPAGE COUNTY, ILLINOIS GIS DEPARTMENT.
 5. LANDFILL LIMITS AND SURFACE WATER FEATURES ESTIMATED BY AERIAL PHOTOGRAPH.
 6. SAMPLE LOCATION DATA FROM MARTINEZ CORPORATION.
 7. MAP PROJECTION & COORDINATE SYSTEM IS ILLINOIS STATE PLANE EAST NAD83.
 8. APPROXIMATE HISTORICAL WELL AND PROBE LOCATIONS FROM DUPAGE COUNTY FOREST PRESERVE DISTRICT AND BFI. 2009 PROBE LOCATIONS FROM DIFFERENTIALLY CORRECTED GPS DATA COLLECTED BY RMT, JUNE 2009.
 9. REPORTED LEACHATE COLLECTION TRENCH LOCATION IS SHOWN APPROXIMATELY BASED ON DRAWING NO. 1 CONTAINED IN REPORT TITLED "FEASIBILITY STUDY REPORT, MALLARD NORTH LANDFILL, HANOVER PARK, ILLINOIS", DATED NOVEMBER 1995 AND PREPARED BY EMCOR.
 10. GAS PROBE READINGS WERE TAKEN BY RMT ON FEBRUARY 22-23, 2010.



WORKING COPY

PROJECT MALLARD NORTH LANDFILL FOREST PRESERVE DISTRICT OF DUPAGE COUNTY			
SHEET TITLE METHANE DETECTIONS (FEBRUARY 2010 GAS MONITORING ROUND)			
DRAWN BY: MCKEENRY J.	SCALE: AS NOTED	PROJ. NO: 00-06809.03	FIGURE 1
CHECKED BY: BRAUN N	DATE PRINTED: 2/24/2010	FILE NO: 68090314.mxd	
APPROVED BY:	DATE: FEBRUARY 2010		

RMT

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